

## WHAT IS CLAIMED IS:

## 1. Electric equipment comprising:

a function limiting section for setting a function limit to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

5 an interface for connecting an external device to the electric equipment;

a section for obtaining device identification information from an external device connected via the interface to the electric equipment to identify the device;

10 a section for associating the function limit with the device identification information of a prescribed external device to thereby obtain a cryptographic key;

a memory for storing the cryptographic key;

a determining section for determining whether or not the device  
15 identification information obtained from an external device connected via the interface to the electric equipment matches the device identification information of the cryptographic key stored in the memory; and

a limit canceling section for canceling the function limit set by the function limiting section when the determining section determines  
20 that the obtained information matches the cryptographic key.

## 2. Electric equipment comprising:

a function limiting section for setting one or more function limits to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

5 an interface for connecting an external device to the electric equipment;

a section for obtaining device identification information from an external device connected via the interface to the electric equipment to

identify the device;

- 10           a section for associating each function limit with the device  
identification information of a prescribed external device to thereby  
obtain a cryptographic key;
- a memory for storing the cryptographic key;
- a determining section for determining whether or not the device
- 15   identification information obtained from an external device connected via  
the interface to the electric equipment matches the device identification  
information included in the cryptographic key stored in the memory; and
- a limit canceling section for canceling each function limit set by  
the function limiting section when the determining section determines
- 20   that the obtained information matches the device identification  
information associated with the function limit.

### 3. Electric equipment comprising:

- a function limiting section for setting a function limit to the  
electric equipment so that at least part of functions of the electric  
equipment becomes unavailable;
- 5           a plurality of interfaces for connecting external devices to the  
electric equipment;
- a section for obtaining device identification information from an  
external device connected via one of the interfaces to the electric  
equipment to identify the device;
- 10           a section for associating the function limit with the specific  
device identification information or a combination of plural pieces of  
specific device identification information to thereby obtain a  
cryptographic key;
- a memory for storing the cryptographic key;
- 15           a determining section for determining whether or not the device  
identification information obtained from each external device connected

via one of the interfaces to the electric equipment matches the device identification information of the cryptographic key stored in the memory; and

20           a limit canceling section for canceling the function limit set by the function limiting section when the determining section determines that the obtained information matches the cryptographic key.

4. Electric equipment comprising:

          a function limiting section for setting a function limit to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

5           a plurality of interfaces for connecting external devices to the electric equipment;

          a section for obtaining device identification information from an external device connected via one of the interfaces to the electric equipment to identify the device;

10          a section for generating connection route information indicating which interface is used to connect the external device that has provided the device identification information;

          a section for associating the function limit with a combination of prescribed device identification information and relevant connection route information to thereby obtain a cryptographic key;

15          a memory for storing at least one cryptographic key;

          a determining section for determining whether or not a combination of the device identification information obtained from each external device connected via one of the interfaces to the electric equipment and the connection route information for the external device matches the combination of the device identification information and the connection route information of the cryptographic key stored in the memory; and

25 a limit canceling section for canceling the function limit set by  
the function limiting section when the determining section determines  
that the combination of the obtained information and connection route  
information matches the cryptographic key.

5. Electric equipment comprising:

a function limiting section for setting one or more function  
limits to the electric equipment so that at least part of functions of the  
electric equipment becomes unavailable;

5 a plurality of interfaces for connecting external devices to the  
electric equipment;

a section for obtaining device identification information from an  
external device connected via one of the interfaces to the electric  
equipment to identify the device;

10 a section for associating each function limit with the specific  
device identification information or a combination of plural pieces of  
specific device identification information to thereby obtain a  
cryptographic key;

a memory for storing at least one cryptographic key;

15 a determining section for determining whether or not the device  
identification information obtained from each external device connected  
via one of the interfaces to the electric equipment matches the device  
identification information of any one of the cryptographic keys stored in  
the memory; and

20 a limit canceling section for canceling each function limit set by  
the function limiting section when the determining section determines  
that the obtained information matches the device identification  
information of the cryptographic key related to the function limit.

6. Electric equipment comprising:

a function limiting section for setting one or more function limits to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

5 a plurality of interfaces for connecting external devices to the electric equipment;

a section for obtaining device identification information from an external device connected via one of the interfaces to the electric equipment to identify the device;

10 a section for generating connection route information indicating which interface is used to connect the external device that has provided the device identification information;

a section for associating each function limit with a combination of prescribed device identification information and relevant connection  
15 route information to thereby obtain a cryptographic key;

a memory for storing at least one cryptographic key;

a determining section for determining whether or not a combination of the device identification information obtained from each external device connected via one of the interfaces to the electric  
20 equipment and the connection route information for the external device matches any one of the cryptographic keys stored in the memory; and

a limit canceling section for canceling each function limit set by the function limiting section when the determining section determines that the combination of the obtained information and connection route  
25 information matches the cryptographic key related to the function limit.

7. The electric equipment claimed in claim 1, further comprising a section for having the external device store information that uniquely identifies the external device as the device identification information when the external device is capable of storing information.

8. The electric equipment claimed in claim 2, further comprising a section for having the external device store information that uniquely identifies the external device as the device identification information when the external device is capable of storing information.

9. The electric equipment claimed in claim 3, further comprising a section for having the external device store information that uniquely identifies the external device as the device identification information when the external device is capable of storing information.

10. The electric equipment claimed in claim 4, further comprising a section for having the external device store information that uniquely identifies the external device as the device identification information when the external device is capable of storing information.

11. The electric equipment claimed in claim 5, further comprising a section for having the external device store information that uniquely identifies the external device as the device identification information when the external device is capable of storing information.

12. The electric equipment claimed in claim 6, further comprising a section for having the external device store information that uniquely identifies the external device as the device identification information when the external device is capable of storing information.

13. The electric equipment claimed in claim 1, further comprising a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

14. The electric equipment claimed in claim 2, further comprising a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

15. The electric equipment claimed in claim 3, further comprising a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

16. The electric equipment claimed in claim 4, further comprising a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

17. The electric equipment claimed in claim 5, further comprising a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

18. The electric equipment claimed in claim 6, further comprising a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

19. The electric equipment claimed in claim 1, further comprising:

a section for having the external device store information that uniquely identifies the external device as the device identification  
5 information when the external device is capable of storing information;

and

a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

20. The electric equipment claimed in claim 2, further comprising:

a section for having the external device store information that uniquely identifies the external device as the device identification  
5 information when the external device is capable of storing information;  
and

a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

21. The electric equipment claimed in claim 3, further comprising:

a section for having the external device store information that uniquely identifies the external device as the device identification  
5 information when the external device is capable of storing information;  
and

a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

22. The electric equipment claimed in claim 4, further comprising:

a section for having the external device store information that uniquely identifies the external device as the device identification  
5 information when the external device is capable of storing information;



and

a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

23. The electric equipment claimed in claim 5, further comprising:

a section for having the external device store information that uniquely identifies the external device as the device identification  
5 information when the external device is capable of storing information;  
and

a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

24. The electric equipment claimed in claim 6, further comprising:

a section for having the external device store information that uniquely identifies the external device as the device identification  
5 information when the external device is capable of storing information;  
and

a section for resetting the function limit when a prescribed period of time has passed after the determining section made a determination.

25. A method for preventing the unauthorized use of electric equipment including an interface to connect an external device thereto, comprising:

a function limiting step for setting a function limit to the  
5 electric equipment so that at least part of functions of the electric

equipment becomes unavailable;

10 a first device identification information obtaining step for obtaining device identification information from an external device connected via the interface to the electric equipment to identify the device;

a step for associating the function limit with the device identification information obtained at the first device identification information obtaining step to thereby obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

15 a second device identification information obtaining step for obtaining device identification information from an external device connected via the interface to the electric equipment to identify the device;

20 a determining step for determining whether or not the device identification information obtained at the second device identification information obtaining step matches the device identification information of the cryptographic key stored in the memory; and

25 a limit canceling step for canceling the function limit set at the function limiting step when it is determined at the determining step that the information obtained at the second device identification information obtaining step matches the cryptographic key.

26. A method for preventing the unauthorized use of electric equipment including an interface to connect an external device thereto, comprising:

5 a function limiting step for setting one or more function limits to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

a first device identification information obtaining step for obtaining device identification information from an external device

connected via the interface to the electric equipment to identify the  
10 device;

a step for associating each function limit with the device  
identification information of a prescribed external device to thereby  
obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

15 a second device identification information obtaining step for  
obtaining device identification information from an external device  
connected via the interface to the electric equipment to identify the  
device;

a determining step for determining whether or not the device  
20 identification information obtained at the second device identification  
information obtaining step matches the device identification information  
included in the cryptographic key stored in the memory; and

a limit canceling step for canceling each function limit set at  
the function limiting step when it is determined at the determining step  
25 that the information obtained at the second device identification  
information obtaining step matches the device identification information  
of the cryptographic key related to the function limit.

27. A method for preventing the unauthorized use of electric  
equipment including a plurality of interfaces to connect external devices  
thereto, comprising:

a function limiting step for setting a function limit to the  
5 electric equipment so that at least part of functions of the electric  
equipment becomes unavailable;

a first device identification information obtaining step for  
obtaining device identification information from each external device  
connected via one of the interfaces to the electric equipment to identify  
10 the device;

a step for associating the function limit with the specific device identification information or a combination of plural pieces of specific device identification information to thereby obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

15 a second device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

20 a determining step for determining whether or not the device identification information or a combination of plural pieces of device identification information obtained at the second device identification information obtaining step matches the device identification information of the cryptographic key stored in the memory; and

25 a limit canceling step for canceling the function limit set at the function limiting step when it is determined at the determining step that the information obtained at the second device identification information obtaining step matches the cryptographic key.

28. A method for preventing the unauthorized use of electric equipment including a plurality of interfaces to connect external devices thereto, comprising:

5 a function limiting step for setting a function limit to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

a first device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify  
10 the device;

a first connection route information generating step for generating first connection route information indicating which interface

is used to connect the external device to the electric equipment at the first device identification information obtaining step;

15           a step for associating the function limit with a combination of prescribed device identification information and relevant connection route information to thereby obtain a cryptographic key;

          a step for storing the cryptographic key in a memory;

          a second device identification information obtaining step for  
20 obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

          a second connection route information generating step for  
generating second connection route information indicating which  
25 interface is used to connect the external device to the electric equipment at the second device identification information obtaining step;

          a determining step for determining whether or not a  
combination of the device identification information obtained at the  
second device identification information obtaining step and the second  
30 connection route information matches the cryptographic key stored in the memory; and

          a limit canceling step for canceling the function limit set at the  
function limiting step when it is determined at the determining step that  
the combination of the information obtained at the second device  
35 identification information obtaining step and the second connection route information matches the cryptographic key.

29. A method for preventing the unauthorized use of electric equipment including a plurality of interfaces to connect external devices thereto, comprising:

          a function limiting step for setting one or more function limits  
5 to the electric equipment so that at least part of functions of the electric

equipment becomes unavailable;

a first device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

a step for associating each function limit with the specific device identification information or a combination of plural pieces of specific device identification information to thereby obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

a second device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

a determining step for determining whether or not the device identification information or a combination of plural pieces of device identification information obtained at the second device identification information obtaining step matches the device identification information of any one of the cryptographic keys stored in the memory; and

a limit canceling step for canceling each function limit set at the function limiting step when it is determined at the determining step that the information obtained at the second device identification information obtaining step matches the device identification information of the cryptographic key related to the function limit.

30. A method for preventing the unauthorized use of electric equipment including a plurality of interfaces to connect external devices thereto, comprising:

a function limiting step for setting one or more function limits to the electric equipment so that at least part of functions of the electric

equipment becomes unavailable;

10 a first device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

a first connection route information generating step for generating first connection route information indicating which interface is used to connect the external device to the electric equipment at the first device identification information obtaining step;

15 a step for associating the function limit with a combination of prescribed device identification information and the first connection route information to thereby obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

20 a second device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

25 a second connection route information generating step for generating second connection route information indicating which interface is used to connect the external device to the electric equipment at the second device identification information obtaining step;

30 a determining step for determining whether or not a combination of the device identification information obtained at the second device identification information obtaining step and the second connection route information matches any one of the cryptographic keys stored in the memory; and

35 a limit canceling step for canceling each function limit set at the function limiting step when it is determined at the determining step that the combination of the information obtained at the second device identification information obtaining step and the second connection route

information matches the cryptographic key related to the function limit.

31. The method for preventing the unauthorized use of electric equipment claimed in claim 25, further comprising a step for having the external device store information that uniquely identifies the external device as the device identification information after the first  
5 device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

32. The method for preventing the unauthorized use of electric equipment claimed in claim 26, further comprising a step for having the external device store information that uniquely identifies the external device as the device identification information after the first  
5 device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

33. The method for preventing the unauthorized use of electric equipment claimed in claim 27, further comprising a step for having the external device store information that uniquely identifies the external device as the device identification information after the first  
5 device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

34. The method for preventing the unauthorized use of electric equipment claimed in claim 28, further comprising a step for having the external device store information that uniquely identifies the external device as the device identification information after the first



- 5 device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

35. The method for preventing the unauthorized use of electric equipment claimed in claim 29, further comprising a step for having the external device store information that uniquely identifies the external device as the device identification information after the first  
5 device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

36. The method for preventing the unauthorized use of electric equipment claimed in claim 30, further comprising a step for having the external device store information that uniquely identifies the external device as the device identification information after the first  
5 device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

37. The method for preventing the unauthorized use of electric equipment claimed in claim 25, further comprising a step for resetting the function limit when a prescribed period of time has passed after the determining step.

38. The method for preventing the unauthorized use of electric equipment claimed in claim 26, further comprising a step for resetting the function limit when a prescribed period of time has passed after the determining step.

39. The method for preventing the unauthorized use of electric equipment claimed in claim 27, further comprising a step for resetting the function limit when a prescribed period of time has passed after the determining step.

40. The method for preventing the unauthorized use of electric equipment claimed in claim 28, further comprising a step for resetting the function limit when a prescribed period of time has passed after the determining step.

41. The method for preventing the unauthorized use of electric equipment claimed in claim 29, further comprising a step for resetting the function limit when a prescribed period of time has passed after the determining step.

42. The method for preventing the unauthorized use of electric equipment claimed in claim 30, further comprising a step for resetting the function limit when a prescribed period of time has passed after the determining step.

43. The method for preventing the unauthorized use of electric equipment claimed in claim 25, further comprising:

5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information; and

10 a step for resetting the function limit when a prescribed period of time has passed after the determining step.

44. The method for preventing the unauthorized use of electric equipment claimed in claim 26, further comprising:

5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information; and

10 a step for resetting the function limit when a prescribed period of time has passed after the determining step.

45. The method for preventing the unauthorized use of electric equipment claimed in claim 27, further comprising:

5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information; and

10 a step for resetting the function limit when a prescribed period of time has passed after the determining step.

46. The method for preventing the unauthorized use of electric equipment claimed in claim 28, further comprising:

5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing

information; and

10 a step for resetting the function limit when a prescribed period of time has passed after the determining step.

47. The method for preventing the unauthorized use of electric equipment claimed in claim 29, further comprising:

5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information; and

10 a step for resetting the function limit when a prescribed period of time has passed after the determining step.

48. The method for preventing the unauthorized use of electric equipment claimed in claim 30, further comprising:

5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information; and

10 a step for resetting the function limit when a prescribed period of time has passed after the determining step.

49. A program for preventing the unauthorized use of electric equipment, which is built into the electric equipment including an interface to connect an external device thereto and makes a computer having effective control over the electric equipment execute steps as

5 follows:

a function limiting step for setting a function limit to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

10 a first device identification information obtaining step for obtaining device identification information from an external device connected via the interface to the electric equipment to identify the device;

15 a step for associating the function limit with the device identification information obtained at the first device identification information obtaining step to thereby obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

20 a second device identification information obtaining step for obtaining device identification information from an external device connected via the interface to the electric equipment to identify the device;

a determining step for determining whether or not the device identification information obtained at the second device identification information obtaining step matches the device identification information of the cryptographic key stored in the memory; and

25 a limit canceling step for canceling the function limit set at the function limiting step when it is determined at the determining step that the information obtained at the second device identification information obtaining step matches the cryptographic key.

50. A program for preventing the unauthorized use of electric equipment, which is built into the electric equipment including an interface to connect an external device thereto and makes a computer having effective control over the electric equipment execute steps as follows:

a function limiting step for setting one or more function limits to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

10 a first device identification information obtaining step for obtaining device identification information from an external device connected via the interface to the electric equipment to identify the device;

a step for associating each function limit with the device identification information of a prescribed external device to thereby  
15 obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

a second device identification information obtaining step for obtaining device identification information from an external device connected via the interface to the electric equipment to identify the  
20 device;

a determining step for determining whether or not the device identification information obtained at the second device identification information obtaining step matches the device identification information included in any one of the cryptographic keys stored in the memory; and

25 a limit canceling step for canceling each function limit set at the function limiting step when it is determined at the determining step that the information obtained at the second device identification information obtaining step matches the device identification information of the cryptographic key related to the function limit.

51. A program for preventing the unauthorized use of electric equipment, which is built into the electric equipment including a plurality of interfaces to connect external devices thereto and makes a computer having effective control over the electric equipment execute  
5 steps as follows:

a function limiting step for setting a function limit to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

10 a first device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

a step for associating the function limit with specific device identification information or a combination of plural pieces of specific  
15 device identification information to thereby obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

a second device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify  
20 the device;

a determining step for determining whether or not the device identification information or a combination of plural pieces of device identification information obtained at the second device identification information obtaining step matches the device identification information  
25 of the cryptographic key stored in the memory; and

a limit canceling step for canceling the function limit set at the function limiting step when it is determined at the determining step that the information obtained at the second device identification information obtaining step matches the cryptographic key.

52. A program for preventing the unauthorized use of electric equipment, which is built into the electric equipment including a plurality of interfaces to connect external devices thereto and makes a computer having effective control over the electric equipment execute  
5 steps as follows:

a function limiting step for setting a function limit to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

10 a first device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

15 a first connection route information generating step for generating first connection route information indicating which interface is used to connect the external device to the electric equipment at the first device identification information obtaining step;

a step for associating the function limit with a combination of prescribed device identification information and relevant connection route information to thereby obtain a cryptographic key;

20 a step for storing the cryptographic key in a memory;

a second device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

25 a second connection route information generating step for generating second connection route information indicating which interface is used to connect the external device to the electric equipment at the second device identification information obtaining step;

30 a determining step for determining whether or not a combination of the device identification information obtained at the second device identification information obtaining step and the second connection route information matches the cryptographic key stored in the memory; and

35 a limit canceling step for canceling the function limit set at the function limiting step when it is determined at the determining step that



the combination of the information obtained at the second device identification information obtaining step and the second connection route information matches the cryptographic key.

53. A program for preventing the unauthorized use of electric equipment, which is built into the electric equipment including a plurality of interfaces to connect external devices thereto and makes a computer having effective control over the electric equipment execute steps as follows:

a function limiting step for setting one or more function limits to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

10 a first device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

15 a step for associating each function limit with the specific device identification information or a combination of plural pieces of specific device identification information to thereby obtain a cryptographic key;

a step for storing the cryptographic key in a memory;

20 a second device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

25 a determining step for determining whether or not the device identification information or a combination of plural pieces of device identification information obtained at the second device identification information obtaining step matches the device identification information of any one of the cryptographic keys stored in the memory; and

a limit canceling step for canceling each function limit set at the function limiting step when it is determined at the determining step that the information obtained at the second device identification  
30 information obtaining step matches the device identification information of the cryptographic key related to the function limit.

54. A program for preventing the unauthorized use of electric equipment, which is built into the electric equipment including a plurality of interfaces to connect external devices thereto and makes a computer having effective control over the electric equipment execute  
5 steps as follows:

a function limiting step for setting one or more function limits to the electric equipment so that at least part of functions of the electric equipment becomes unavailable;

a first device identification information obtaining step for  
10 obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

a first connection route information generating step for generating first connection route information indicating which interface  
15 is used to connect the external device to the electric equipment at the first device identification information obtaining step;

a step for associating the function limit with a combination of prescribed device identification information and the first connection route information to thereby obtain a cryptographic key;

20 a step for storing at least one cryptographic key in a memory;

a second device identification information obtaining step for obtaining device identification information from each external device connected via one of the interfaces to the electric equipment to identify the device;

25           a second connection route information generating step for  
generating second connection route information indicating which  
interface is used to connect the external device to the electric equipment  
at the second device identification information obtaining step;

          a determining step for determining whether or not a  
30 combination of the device identification information obtained at the  
second device identification information obtaining step and the second  
connection route information matches any one of the cryptographic keys  
stored in the memory; and

          a limit canceling step for canceling each function limit set at  
35 the function limiting step when it is determined at the determining step  
that the combination of the information obtained at the second device  
identification information obtaining step and the second connection route  
information matches the cryptographic key related to the function limit.

55. The program for preventing the unauthorized use of  
electric equipment claimed in claim 49, making the computer having  
effective control over the electric equipment execute a step for having the  
external device store information that uniquely identifies the external  
5 device as the device identification information after the first device  
identification information obtaining step when the external device  
connected to the electric equipment at the first device identification  
information obtaining step is capable of storing information.

56. The program for preventing the unauthorized use of  
electric equipment claimed in claim 50, making the computer having  
effective control over the electric equipment execute a step for having the  
external device store information that uniquely identifies the external  
5 device as the device identification information after the first device  
identification information obtaining step when the external device

connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

57. The program for preventing the unauthorized use of electric equipment claimed in claim 51, making the computer having effective control over the electric equipment execute a step for having the external device store information that uniquely identifies the external  
5 device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

58. The program for preventing the unauthorized use of electric equipment claimed in claim 52, making the computer having effective control over the electric equipment execute a step for having the external device store information that uniquely identifies the external  
5 device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

59. The program for preventing the unauthorized use of electric equipment claimed in claim 53, making the computer having effective control over the electric equipment execute a step for having the external device store information that uniquely identifies the external  
5 device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

60. The program for preventing the unauthorized use of electric equipment claimed in claim 54, making the computer having effective control over the electric equipment execute a step for having the external device store information that uniquely identifies the external  
5 device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing information.

61. The program for preventing the unauthorized use of electric equipment claimed in claim 49, making the computer having effective control over the electric equipment execute a step for resetting the function limit when a prescribed period of time has passed after the  
5 determining step.

62. The program for preventing the unauthorized use of electric equipment claimed in claim 50, making the computer having effective control over the electric equipment execute a step for resetting the function limit when a prescribed period of time has passed after the  
5 determining step.

63. The program for preventing the unauthorized use of electric equipment claimed in claim 51, making the computer having effective control over the electric equipment execute a step for resetting the function limit when a prescribed period of time has passed after the  
5 determining step.

64. The program for preventing the unauthorized use of electric equipment claimed in claim 52, making the computer having effective control over the electric equipment execute a step for resetting

the function limit when a prescribed period of time has passed after the  
5 determining step.

65. The program for preventing the unauthorized use of electric equipment claimed in claim 53, making the computer having effective control over the electric equipment execute a step for resetting the function limit when a prescribed period of time has passed after the  
5 determining step.

66. The program for preventing the unauthorized use of electric equipment claimed in claim 54, making the computer having effective control over the electric equipment execute a step for resetting the function limit when a prescribed period of time has passed after the  
5 determining step.

67. The program for preventing the unauthorized use of electric equipment claimed in claim 49, making the computer having effective control over the electric equipment execute further steps as follows:  
5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing  
10 information; and

a step for resetting the function limit when a prescribed period of time has passed after the determining step.

68. The program for preventing the unauthorized use of electric equipment claimed in claim 50, making the computer having

effective control over the electric equipment execute further steps as follows:

5           a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing  
10 information; and

          a step for resetting the function limit when a prescribed period of time has passed after the determining step.

69. The program for preventing the unauthorized use of electric equipment claimed in claim 51, making the computer having effective control over the electric equipment execute further steps as follows:

5           a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing  
10 information; and

          a step for resetting the function limit when a prescribed period of time has passed after the determining step.

70. The program for preventing the unauthorized use of electric equipment claimed in claim 52, making the computer having effective control over the electric equipment execute further steps as follows:

5           a step for having the external device store information that uniquely identifies the external device as the device identification

information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing  
10 information; and

a step for resetting the function limit when a prescribed period of time has passed after the determining step.

71. The program for preventing the unauthorized use of electric equipment claimed in claim 53, making the computer having effective control over the electric equipment execute further steps as follows:

5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing  
10 information; and

a step for resetting the function limit when a prescribed period of time has passed after the determining step.

72. The program for preventing the unauthorized use of electric equipment claimed in claim 54, making the computer having effective control over the electric equipment execute further steps as follows:

5 a step for having the external device store information that uniquely identifies the external device as the device identification information after the first device identification information obtaining step when the external device connected to the electric equipment at the first device identification information obtaining step is capable of storing  
10 information; and



a step for resetting the function limit when a prescribed period of time has passed after the determining step.